



# No.1

## ROOFING & BUILDING SUPPLIES

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# e-batten®



### e-batten engineered LVL roof battens to support metal sheeting.

e-batten is fully engineered to perform consistently. They are designed to support metal sheeting under dynamic and static loads. Manufactured in lengths of 6.3m, e-batten reduces wastage of material and time.

#### Features:

- Engineered straightness and performance
- Termite treated and guaranteed for 25 years against termite attack when used South of the Tropic of Capricorn
- Arrised corners for safer and easier handling
- Manufactured in lengths of 6.3m to align with truss and rafter spacing
- Manufactured from plantation timber veneers
- Fully supported by e-house software
- Manufactured in Australia by a wholly owned Australian company
- Wesbeam has full Chain of Custody aligned with the Australian Forestry Standard (AFS)

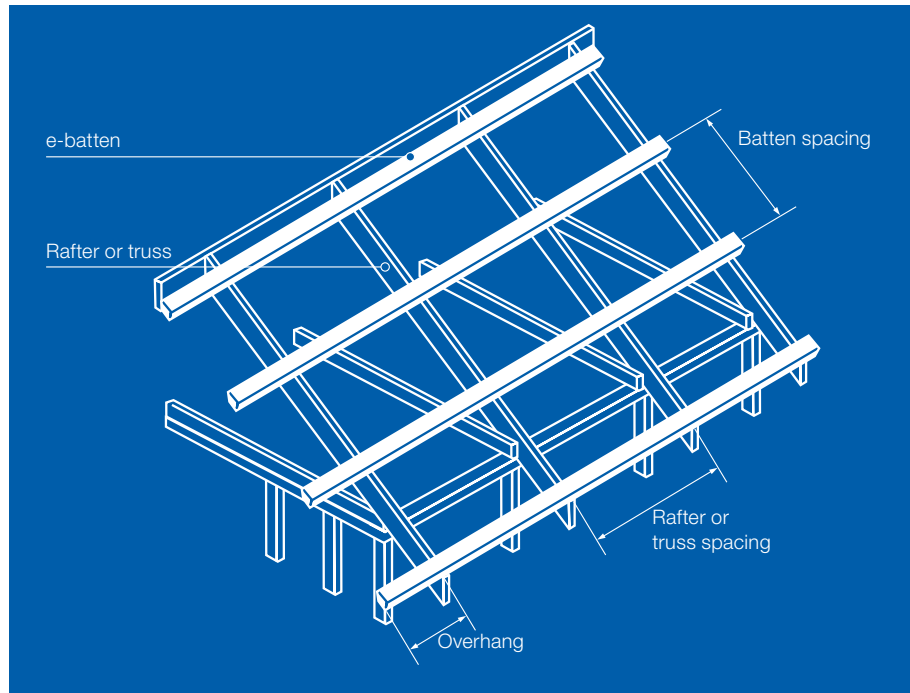


MII No. 613

## e-batten specification

e-batten is manufactured from structural laminated veneer lumber in accordance with AS/NZS4357. e-batten span tables are engineer designed and certified to comply with AS1720.1 Timber structures Part 1: Design Methods, AS/NZS1684 Residential timber-framed construction – Part 1 Design Criteria, AS/NZS1170 Loading Codes – Part 0 to 4 and AS4055 Wind Loading for Housing for N1/N2/N3/N4 wind locations.

e-batten is termite treated to H2S Hazard level, in accordance with AS/NZS 1604.4.



## Span Table

e-batten size (mm x mm)	e-batten weight (kg/m)	Wind Location	Rafter Spacing (mm)	Max. e-batten spacing (continuous member) (mm) <sup>(1)</sup>	Max. Overhang (mm)
65 x 35	1.5	N1, N2	900	900 (nail fixings) 1200 (screw fixing)	350
		N3, N4	900	800 (edge area) 900 (general area)	300

### Note

- Sheet roof manufacturer's specifications may require smaller batten spacings then listed in the Table.

## Installation

- e-battens should only be walked on at support points.
- Bearing lengths at end and internal supports for continuous members shall not be less than 35mm.

## Fixings of e-batten to Roof Rafters (refer to e-batten installation guide)

### N1 and N2 Wind Locations

- Sheet roof areas within 1.2m of all edges - use Type 17 Roof Screws only
- General sheet roof areas - use Type 17 Roof Screws or 2/75mm long x 3.75Ø deformed shank nails

### N3 and N4 Wind Locations

- All sheet roof areas - use Type 17 Roof Screws only

specification

### Veneer

Thickness	Constant through the product thickness
Species	Plantation timber
Joints	Outer 2 plies are scarf jointed Inner plies – scarf and/or butt jointed

### Moisture Content

8% – 15% (at time of despatch)

### Dimensional Tolerances

Available on request

### Straightness

Available on request

### Density

650 kg/m<sup>3</sup> (approximately)

### Adhesive

Phenolic – AS 2754.1

### Bond

Type A – AS/NZS 2098.2

### Joint Group

JD4 – for nails, bolts and screws

### Finish

Unsanded faces, sawn edges and arrised edges.

### Branding

Each piece of e-batten is branded as least once with the product name for identification and evidence of compliance with manufacturing control standards

### Storage

Store on level bearers at maximum 1800mm centres well clear of the ground, and cover to keep dry but allow ventilation

### Source

Plantation timber certified to AS4707-2006

### Condition

H2S treated

